



Government of India  
Ministry of Earth Sciences  
India Meteorological Department



Press Release

Date: 27<sup>th</sup> March, 2025

Time of Issue: 1330 hours IST

**Subject: Maximum temperature is likely to fall by 2-5°C over northwest adjoining central India during next 2-3 days.**

**i. Realised weather during past 24 hours till 08 30 hours IST of today, the 27<sup>th</sup> March 2025 (Annexure I):**

- ❖ **Heavy rainfall** recorded at isolated places over Tamil Nadu.
- ❖ **Squally/Gusty winds** prevailed at isolated locations over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad.
- ❖ **For more details of realised weather, kindly refer Annexure I**

**Temperature:**

- ❖ Temperature observations during past 24 hours till 0830 hours IST of today are provided in **Annexure II**.

**ii. Weather Systems, Forecast and Warnings (Annexure III & IV):**

- ❖ A Western Disturbance as a trough in lower to upper tropospheric levels runs roughly along Long. 62°E to the north of Lat. 25°N. A cyclonic circulation lies over central Pakistan & neighbourhood and another over northeast Assam in lower tropospheric levels. Under their influence:
  - ✓ **Isolated to scattered** light/moderate rainfall accompanied with **thunderstorm, lightning & gusty winds (40-50 kmph)** likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and accompanied with **thunderstorm, lightning** over Uttarakhand, Himachal Pradesh on 27<sup>th</sup> March.
  - ✓ **Scattered to fairly widespread** light/moderate rainfall accompanied with **thunderstorm, lightning** likely over Arunachal Pradesh, Assam & Meghalaya, Sub-Himalayan West Bengal & Sikkim on 28<sup>th</sup> & 29<sup>th</sup> March.
  - ✓ **Strong Surface winds (25-35 kmph)** very likely at isolated places over Punjab, West Uttar Pradesh, Haryana, Chandigarh on 27<sup>th</sup> & 28<sup>th</sup> March.
  - ✓ **Dust raising winds (20-30 kmph)** very likely at isolated places over West Rajasthan on 27<sup>th</sup> & 28<sup>th</sup> March.
  - ✓ **Heavy rainfall/snowfall** likely at isolated places over Arunachal Pradesh on 28<sup>th</sup> & 29<sup>th</sup> March.
- ❖ A north-south trough runs from north Madhya Maharashtra to north Kerala across interior Karnataka in lower tropospheric levels. Under its influence:
  - ✓ **Isolated to scattered** light/moderate rainfall accompanied with **thunderstorm, lightning & gusty winds (speed 30-50 kmph)** likely over Madhya Maharashtra, North Interior Karnataka on 29<sup>th</sup> & 30<sup>th</sup>, Konkan & Goa on 29<sup>th</sup>; Marathwada on 30<sup>th</sup>; Kerala & Mahe, South Interior Karnataka during 27<sup>th</sup> -31<sup>st</sup>; Coastal Karnataka, Coastal Andhra Pradesh & Yanam on 27<sup>th</sup>, 30<sup>th</sup> & 31<sup>st</sup> March.

### Temperature Forecast:

- ❖ Gradual fall in maximum temperatures by 3-5°C likely over Northwest India during next 3 days and rise by 2-3°C thereafter.
- ❖ Gradual rise in maximum temperatures by 2-3°C likely over East India during next 2 days and no significant change thereafter.
- ❖ No significant change in maximum temperatures over Gujarat state during next 3 days and rise by 2-3°C thereafter.
- ❖ Gradual fall in maximum temperatures by 2-3°C likely over Central India during next 3 days and no significant change thereafter.

### Heat wave and Hot & Humid weather warning:

- ❖ Heat wave conditions very likely in isolated pockets of interior Odisha during 28<sup>th</sup>-30<sup>th</sup> March.
- ❖ Hot & humid weather conditions very likely to prevail in isolated pockets of Coastal Andhra Pradesh & Yanam on 28<sup>th</sup> & 29<sup>th</sup>; coastal areas of Gujarat during 29<sup>th</sup>-31<sup>st</sup> March.

### iv. Weather conditions and forecast over Delhi/NCR during 27<sup>th</sup> March to 30<sup>th</sup> March, 2025 (Annexure V)

For more details, kindly refer National Weather Bulletin:

[https://mausam.imd.gov.in/responsive/all\\_india\\_forecast\\_bulletin.php](https://mausam.imd.gov.in/responsive/all_india_forecast_bulletin.php)

For District wise warnings refer: <https://mausam.imd.gov.in/responsive/districtWiseWarningGIS.php>

## ANNEXURE I

### Significant weather reported during past 24 hours till 0830 hours IST of today:

- ❖ **Light/moderate Rainfall** observed at many places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad; at a few places over Kerala & Mahe; at isolated places over Himachal Pradesh, Arunachal Pradesh, Madhya Maharashtra, Tamilnadu Puducherry & Karaikal, Coastal Andhra Pradesh & Yanam and Karnataka.
- ❖ **Thunderstorm reported** at isolated locations over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Madhya Maharashtra, Kerala & Mahe, Coastal Andhra Pradesh & Yanam, Coastal & North Interior Karnataka.

### Rainfall recorded (in cm):

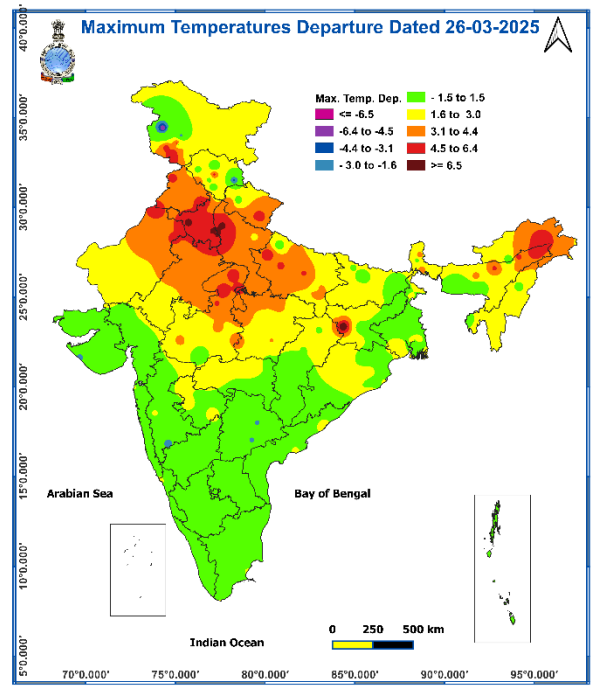
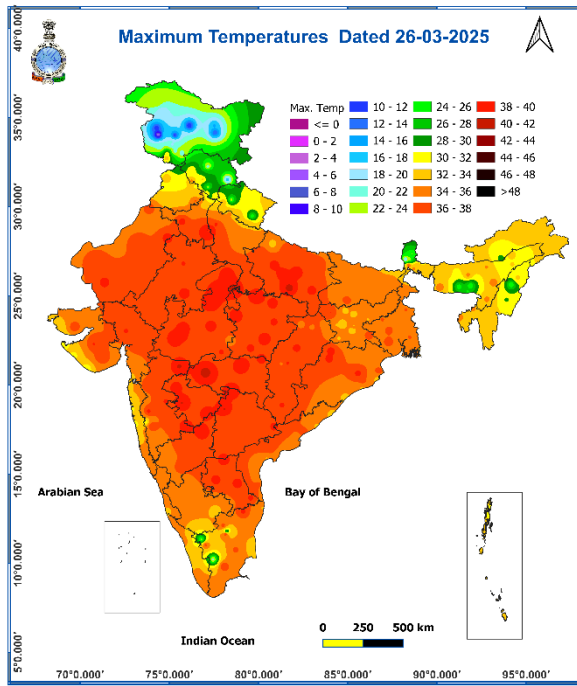
- ❖ **Tamil Nadu:** Nilgiris-8, Valprai-1,
- ❖ **Kerala:** Vakkad (Malappuram district) & Urumi (Kozhikode district) 6 each, Punalur (Kollam district) 5, Kottayam, Parambikulam (Palakkad district), Ambalavayal & Karapuzha (both in Wayanad district) & Neryamangalam (Ernakulam district) 3 each, Jammu & Kashmir: Nowgam (dist Kupwara) 3, Bandipora (dist Bandipore) 2, Kupwara (dist Kupwara) 2, Gulmarg R.s. (dist Baramula) 2;
- ❖ **North Interior Karnataka:** Gadag-1.

## ANNEXURE II

- ❖ Yesterday, Maximum Temperatures has risen by 2-3°C over many parts of East Uttar Pradesh; at some parts of East Madhya Pradesh, Odisha, Gangetic West Bengal; at isolated places over Jharkhand by 1-2°C over many parts of West Madhya Pradesh; at a few places over West Madhya Pradesh, Western Himalayan region, Haryana Chandigarh, West Uttar Pradesh, East Rajasthan, Maharashtra, Telangana, Rayalaseema, Coastal Andhra Pradesh & Yanam, Tamilnadu Puducherry & Karaikal, Interior Karnataka. It had fallen by 2-4°C over many places over Gujarat state; by 1-2°C at few places over West Rajasthan; at isolated places over Konkan & Goa, Kerala & Mahe and no significant change of rest parts of the country.
- ❖ Maximum Temperatures were in the range of 39-41°C over few parts of Madhya Pradesh, Maharashtra; at isolated places over Uttar Pradesh, Haryana Chandigarh & Delhi, northeast Rajasthan, Odisha, Telangana, North Interior Karnataka, Rayalaseema; 35-38°C over many parts of West Rajasthan, Gangetic West Bengal, Tamilnadu Puducherry & Karaikal; at a few places over Gujarat Region; at isolated places over Bihar, Kerala & Mahe, Jharkhand. **(Fig.1)**
- ❖ Maximum Temperatures were **markedly above normal (5.1°C or more)** at many places over Haryana Chandigarh-Delhi; at isolated places over Punjab, Rajasthan, West Madhya Pradesh, Arunachal Pradesh, Assam & Meghalaya, Jammu-Kashmir-Ladakh-Gilgit-Baltistan Muzaffarabad; **appreciably above normal (3.1°C to 5.0°C)** at many places over East Uttar Pradesh; at a few places over Uttarakhand; at isolated places over East Madhya Pradesh; **above normal (1.6°C to 3.0°C)** at many places over Himachal Pradesh, Sub Himalayan West Bengal & Sikkim, Nagaland, Manipur, Mizoram & Tripura, Bihar, Vidarbha; at a few places over Odisha, Marathwada; at isolated places over Gangetic West Bengal, Coastal Andhra Pradesh & Yanam, Madhya Maharashtra, Gujarat Region. These were **below normal (-3.0°C to -1.6°C)** at isolated places over Telangana and near normal over rest parts of the country (Fig. 2). Yesterday, the highest maximum temperature of **42.0°C was reported at Akola (Vidarbha)** over the country.

**Fig. 1: Maximum Temperatures**

**Fig. 2: Departure of Maximum Temperatures**

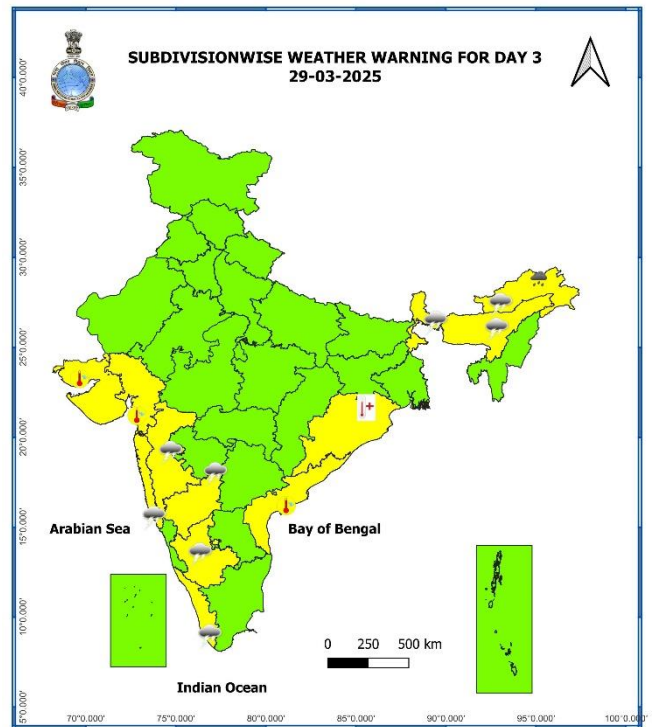
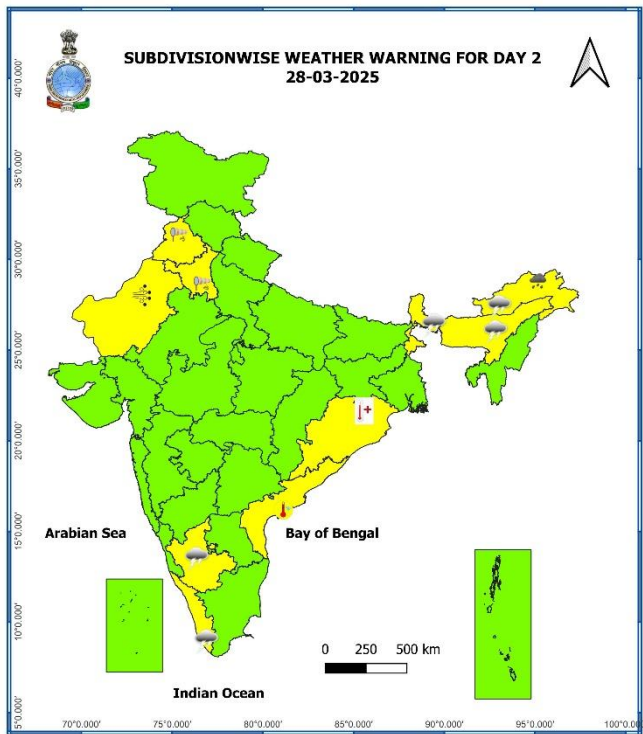
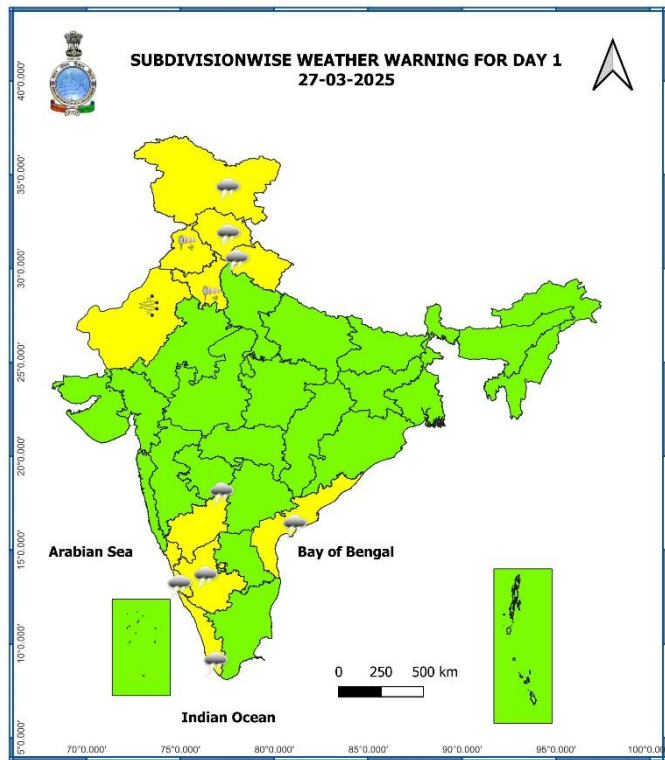


**ANNEXURE III**

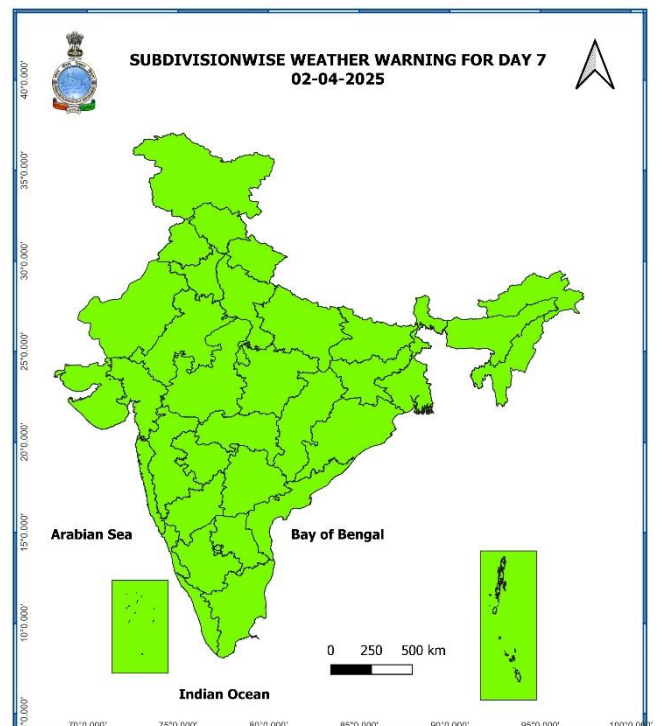
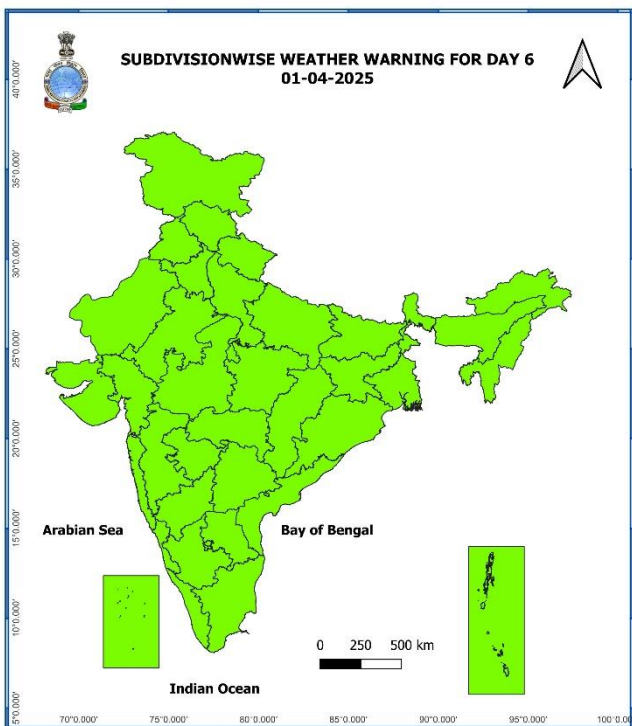
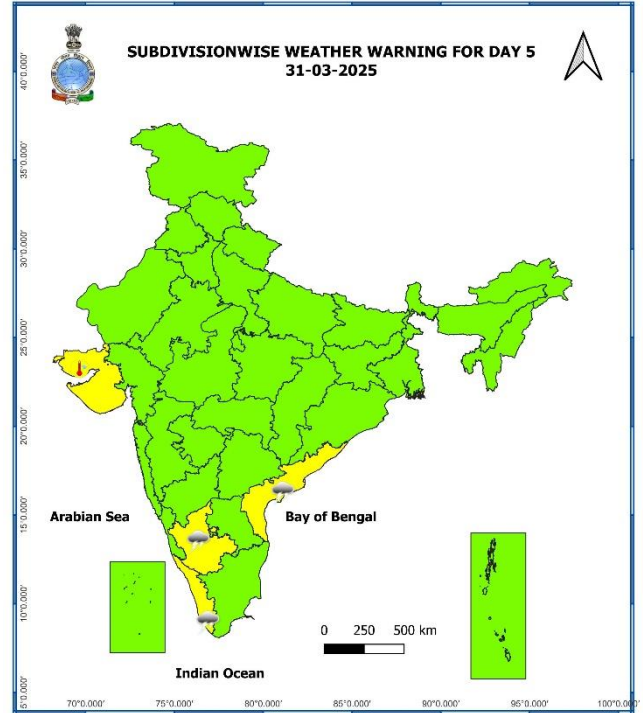
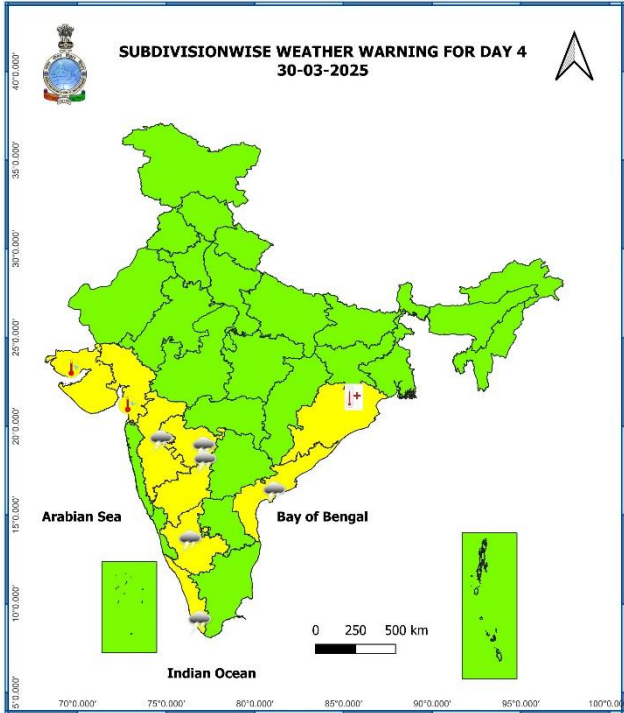
## 7 Days Rainfall Forecast

S. No.	Subdivision	27-Mar	28-Mar	29-Mar	30-Mar	31-Mar	01-Apr	02-Apr
		Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
1	ANDAMAN & NICOBAR ISLANDS	DRY	DRY	DRY	DRY	ISOL	SCT	FWS
2	ARUNACHAL PRADESH	ISOL	FWS	FWS	SCT	ISOL	ISOL	ISOL
3	ASSAM & MEGHALAYA	DRY	ISOL	ISOL	ISOL	ISOL	DRY	DRY
4	NAGALAND, MANIPUR, MIZORAM & TRIPURA	DRY	DRY	DRY	ISOL	ISOL	ISOL	ISOL
5	SUB-HIMALAYAN WEST BENGAL & SIKKIM	ISOL	SCT	SCT	ISOL	ISOL	DRY	DRY
6	GANGETIC WEST BENGAL	DRY	DRY	DRY	DRY	DRY	DRY	DRY
7	ODISHA	DRY	DRY	DRY	DRY	DRY	DRY	ISOL
8	JHARKHAND	DRY	DRY	DRY	DRY	DRY	DRY	DRY
9	BIHAR	DRY	DRY	DRY	DRY	DRY	DRY	DRY
10	EAST UTTAR PRADESH	DRY	DRY	DRY	DRY	DRY	DRY	DRY
11	WEST UTTAR PRADESH	DRY	DRY	DRY	DRY	DRY	DRY	DRY
12	UTTARAKHAND	ISOL	ISOL	DRY	DRY	DRY	DRY	DRY
13	HARYANA CHANDIGARH & DELHI	DRY	DRY	DRY	DRY	DRY	DRY	DRY
14	PUNJAB	ISOL	DRY	DRY	DRY	DRY	DRY	DRY
15	HIMACHAL PRADESH	SCT	DRY	DRY	DRY	DRY	DRY	DRY
16	JAMMU & KASHMIR AND LADAKH	FWS	ISOL	DRY	DRY	DRY	DRY	DRY
17	WEST RAJASTHAN	DRY	DRY	DRY	DRY	DRY	DRY	DRY
18	EAST RAJASTHAN	DRY	DRY	DRY	DRY	DRY	DRY	DRY
19	WEST MADHYA PRADESH	DRY	DRY	DRY	DRY	DRY	ISOL	ISOL
20	EAST MADHYA PRADESH	DRY	DRY	DRY	DRY	DRY	ISOL	ISOL
21	GUJARAT REGION	DRY	DRY	DRY	DRY	DRY	DRY	DRY
22	SAURASHTRA & KUTCH	DRY	DRY	DRY	DRY	DRY	DRY	DRY
23	KONKAN & GOA	ISOL	DRY	ISOL	ISOL	ISOL	ISOL	ISOL
24	MADHYA MAHARASHTRA	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
25	MARATHAWADA	DRY	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
26	VIDARBHA	DRY	DRY	DRY	DRY	DRY	ISOL	ISOL
27	CHHATTISGARH	DRY	DRY	DRY	DRY	DRY	DRY	DRY
28	COASTAL ANDHRA PRADESH & YANAM	ISOL	DRY	DRY	ISOL	ISOL	ISOL	ISOL
29	TELANGANA	DRY	DRY	DRY	DRY	DRY	DRY	ISOL
30	RAYALASEEMA	ISOL	DRY	DRY	DRY	DRY	DRY	DRY
31	TAMILNADU PUDUCHERRY & KARAIKAL	ISOL	ISOL	DRY	DRY	DRY	ISOL	ISOL
32	COASTAL KARNATAKA	ISOL	DRY	DRY	ISOL	ISOL	ISOL	ISOL
33	NORTH INTERIOR KARNATAKA	ISOL	DRY	ISOL	ISOL	DRY	ISOL	ISOL
34	SOUTH INTERIOR KARNATAKA	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
35	KERALA & MAHE	SCT	SCT	ISOL	ISOL	ISOL	ISOL	SCT
36	LAKSHADWEEP	DRY	DRY	DRY	DRY	DRY	DRY	DRY

- As the lead period increases forecast accuracy decreases.







- Action may be taken based on **ORANGE AND RED COLOUR** warnings.
- Vulnerable regions likely urban and hilly areas action may be initiated for heavy rainfall warning.
- As the lead period increases forecast accuracy decreases.

Detailed district wise Multi Hazard weather warning for next five days available at <https://mausam.imd.gov.in/responsive/districtWiseWarningGIS.php>

**Weather forecast over Delhi/NCR during 27<sup>th</sup> Mar. to 30<sup>th</sup> Mar. 2025****Past Weather:**

There has been a rise in minimum and maximum temperatures upto 02°C over Delhi/NCR during the past 24 hours. The maximum and minimum temperatures over Delhi are in the range of 35 to 40°C and 17 to 21°C respectively. The minimum temperature was above normal upto 04°C and maximum temperature above normal upto 07°C at most places. Mainly clear sky conditions with predominant surface wind from the southwest/east direction with wind speeds less than 10 to 12 kmph prevailed during the past 24 hours. Mainly clear sky conditions with wind speed less than 12 kmph from the southwest direction prevailed over the region in the forenoon today.

**Weather Forecast:**

**27.03.2025:** Partly cloudy sky. Strong surface winds (speed 20 – 30 kmph) occasionally gusting to 35 kmph. The maximum temperature over Delhi is likely to be in the range of 35 to 37°C. The predominant surface wind will likely be from the northwest direction with a wind speed of less than 20 kmph till evening. It would increase thereafter becoming less than 24 kmph from the northwest direction during the night.

**28.03.2025:** Mainly clear sky. Strong surface winds (speed 20 – 30 kmph) occasionally gusting to 35 kmph. The maximum and minimum temperatures over Delhi are likely to be in the range of 33 to 35°C and 17 to 19°C respectively. The predominant surface wind will likely be from the northwest direction with a wind speed of 12-14 kmph during morning hours. The wind speed will gradually increase thereafter becoming 18-20 kmph from the northwest direction during the afternoon. It will increase becoming less than 24 kmph from the northwest direction during evening and night.

**29.03.2025:** Partly cloudy sky. Strong surface winds (speed 20 – 30 kmph). The maximum and minimum temperatures over Delhi are likely to be in the range of 32 to 34°C and 15 to 17°C respectively. The predominant surface wind will likely be from the northwest direction with a wind speed of 16-18 kmph during morning hours. The wind speed will gradually increase becoming 18-20 kmph from the northwest direction in the afternoon. It will decrease becoming less than 14 kmph from the northwest direction during evening and night.

**30.03.2025:** Mainly clear sky. The maximum and minimum temperatures over Delhi are likely to be in the range of 34 to 36°C and 15 to 17°C respectively. The predominant surface wind will likely be from the northwest direction with a wind speed of 10-12 kmph during morning hours. The wind speed will gradually increase becoming 14-16 kmph from the northwest direction in the afternoon. It will decrease becoming less than 12 kmph from the northwest direction during evening and night.

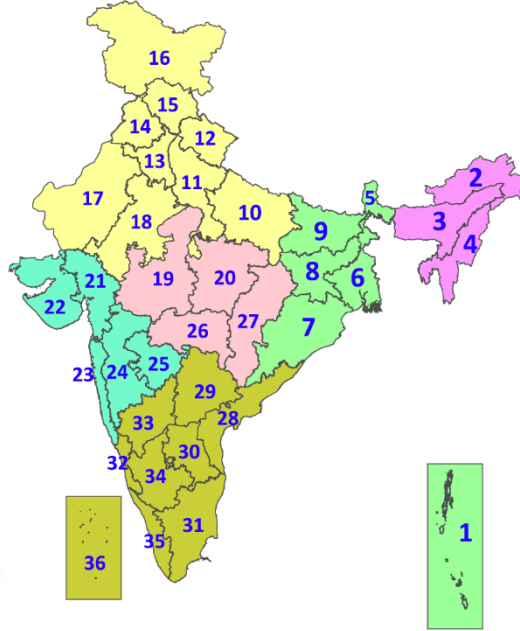


## Legends & abbreviations:

- ❖ **Heavy Rain:**64.5-115.5mm; **Very Heavy Rain:**115.6-204.4mm; **Extremely Heavy Rain:** >204.4mm.
- ❖ **Obsy:** Observatory; **AWS:** Automatic Weather Station; **ARG:** Automatic Rain Gauge; **dist:** District; **NH:** National Highway; **KVK:** Krishi Vigyan Kendra; **DVC:** Damodar Valley Corporation; **PTO:** Part Time Office, **Aero:** Aerodrome, **IAF:** Indian Air Force.
- ❖ **Region wise classification of meteorological Sub-Divisions:**
  - **Northwest India:** Western Himalayan Region (Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh and Uttarakhand); Punjab, Haryana-Chandigarh-Delhi; West Uttar Pradesh, East Uttar Pradesh, West Rajasthan and East Rajasthan.
  - **Central India:** West Madhya Pradesh, East Madhya Pradesh, Vidarbha and Chhattisgarh.
  - **East India:** Bihar, Jharkhand, Sub-Himalayan West Bengal & Sikkim; Gangetic West Bengal, Odisha and Andaman & Nicobar Islands.
  - **Northeast India:** Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura.
  - **West India:** Gujarat Region, Saurashtra & Kutch, Konkan & Goa, Madhya Maharashtra and Marathawada.
  - **South India:** Coastal Andhra Pradesh & Yanam, Telangana, Rayalaseema, Coastal Karnataka, North Interior Karnataka, South Interior Karnataka, Kerala & Mahe, Tamil Nadu, Puducherry & Karaikal and Lakshadweep.

## LEGENDS

1. अंडमान और निकोबार द्वीपसमूह
2. अरुणाचल प्रदेश
3. असम और मेघालय
4. नागालैंड, मणिपुर, मिजोरम और त्रिपुरा
5. उप-हिमालयी पश्चिम बंगाल और सिक्किम
6. गंगीय पश्चिम बंगाल
7. ओडिशा
8. झारखंड
9. बिहार
10. पूर्वी उत्तर प्रदेश
11. पश्चिम उत्तर प्रदेश
12. उत्तराखंड
13. हरियाणा, चंडीगढ़ और दिल्ली
14. पंजाब
15. हिमाचल प्रदेश
16. जम्मू और कश्मीर और लद्दाख
17. पश्चिम राजस्थान
18. पूर्वी राजस्थान
19. पश्चिम मध्य प्रदेश
20. पूर्वी मध्य प्रदेश
21. गुजरात
22. सौराष्ट्र
23. कोंकण और गोवा
24. मध्य महाराष्ट्र
25. मराठवाड़ा
26. विदर्भ
27. छत्तीसगढ़
28. तटीय आंध्र प्रदेश और यनम
29. तेलंगाना
30. रायलसीमा
31. तमिलनाडु, पुडुचेरी और कराईकल
32. तटीय कर्नाटक
33. आंतरिक उत्तरी कर्नाटक
34. आंतरिक दक्षिणी कर्नाटक
35. केरल और माहे
36. लक्षद्वीप



1. Andaman & Nicobar Islands
2. Arunachal Pradesh
3. Assam & Meghalaya
4. Nagaland, Manipur, Mizoram & Tripura
5. Sub-Himalayan West Bengal & Sikkim
6. Gangetic West Bengal
7. Odisha
8. Jharkhand
9. Bihar
10. East Uttar Pradesh
11. West Uttar Pradesh
12. Uttarakhand
13. Haryana, Chandigarh & Delhi
14. Punjab
15. Himachal Pradesh
16. Jammu & Kashmir and Ladakh
17. West Rajasthan
18. East Rajasthan
19. West Madhya Pradesh
20. East Madhya Pradesh
21. Gujarat
22. Saurashtra
23. Konkan & Goa
24. Madhya Maharashtra
25. Marathwada
26. Vidarbha
27. Chhattisgarh
28. Coastal Andhra Pradesh & Yanam
29. Telangana
30. Rayalaseema
31. Tamilnadu, Puducherry & Karaikal
32. Coastal Karnataka
33. North Interior Karnataka
34. South Interior Karnataka
35. Kerala & Mahe
36. Lakshadweep

## SPATIAL DISTRIBUTION (% of Stations reporting)

% Stations	Category	% Stations	Category
76-100	Widespread (WS/Most Places)	26-50	Scattered (SCT/A Few Places)
51-75	Fairly Widespread (FWS/Many Places)	1-25	Isolated (ISOL)



Fog



Heavy Snow



Cold Wave



Heavy Rain



Dust Storm



Cold Day



Very Heavy Rain



Heat Wave



Ground Frost



Extremely Heavy Rain



Warm Night



Thunder & Lightning



Hot Day



Hailstorm



Hot & Humid



Dust Raising Winds



Strong Surface Winds

### COLOUR CODED WARNING

No Warning (No Action)

Watch (Be Aware)

Alert (Be Prepared To Take Action)

Warning (Take Action)

### Probabilistic Forecast

Terms	Probability of Occurrence (%)
Unlikely	< 25
Likely	25 - 50
Very Likely	50 - 75
Most Likely	> 75

\* Red colour warning does not mean "Red Alert", Red colour warning means "Take Action".  
Forecast and Warning for any day is valid from 0830 hours IST of day till 0830 hours IST of next day.  
For more details, kindly visit <https://mausam.imd.gov.in> or contact: 011-2434-4599  
(Service to the Nation since 1875)

## DEFINITION/CRITERIA

<b>Rain/ Snow *</b>	<b>Heavy:</b> 64.5 to 115.5 mm/cm * <b>Very Heavy:</b> 115.6 to 204.4 mm/cm * <b>Extremely Heavy:</b> > 204.4 mm/cm *
<b>Heat Wave</b>	<b>When maximum temperature of a station reaches <math>\geq 40^{\circ}\text{C}</math> for plains and <math>\geq 30^{\circ}\text{C}</math> for hilly regions</b> <b>(a) Based on Departure from normal</b> <b>Heat Wave:</b> Maximum Temperature Departure from normal $4.5^{\circ}\text{C}$ to $6.4^{\circ}\text{C}$ . <b>Severe Heat Wave:</b> Maximum Temperature Departure from normal $\geq 6.5^{\circ}\text{C}$ <b>(b). Based on Actual maximum temperature</b> <b>Heat Wave:</b> When actual maximum temperature $\geq 45^{\circ}\text{C}$ . <b>Severe Heat Wave:</b> When actual maximum temperature $\geq 47^{\circ}\text{C}$ <b>(c). Criteria for heat wave for coastal stations</b> When maximum temperature departure is $> 4.5^{\circ}\text{C}$ from normal. Heat Wave may be described provided maximum temperature $\geq 37^{\circ}\text{C}$
<b>Warm Night</b>	<b>When maximum temperature remains <math>40^{\circ}\text{C}</math></b> <b>Warm Night:</b> When minimum temperature departure $4.5^{\circ}\text{C}$ to $6.4^{\circ}\text{C}$ . <b>Severe Warm Night:</b> When minimum temperature departure $> 6.4^{\circ}\text{C}$ .
<b>Cold Wave</b>	<b>When minimum temperature of a station <math>\leq 10^{\circ}\text{C}</math> for plains and <math>\leq 0^{\circ}\text{C}</math> for hilly regions.</b> <b>(a). Based on departure</b> <b>Cold Wave:</b> Minimum Temperature Departure from normal $-4.5^{\circ}\text{C}$ to $-6.4^{\circ}\text{C}$ . <b>Severe Cold Wave:</b> Minimum Temperature Departure from normal $\leq -6.5^{\circ}\text{C}$ <b>(b) Based on actual Minimum Temperature (for Plains only)</b> <b>Cold Wave :</b> When Minimum Temperature is $\leq 4.0^{\circ}\text{C}$ <b>Severe Cold Wave:</b> When Minimum Temperature is $\leq 2.0^{\circ}\text{C}$ <b>(c) For Coastal Stations</b> When Minimum Temperature departure is $\leq -4.5^{\circ}\text{C}$ & actual Minimum Temperature is $\leq 15^{\circ}\text{C}$
<b>Cold Day</b>	<b>When minimum temperature of a station <math>\leq 10^{\circ}\text{C}</math> for plains and <math>\leq 0^{\circ}\text{C}</math> for hilly regions</b> <b>Based on departure</b> <b>Cold Day:</b> Maximum Temperature Departure from normal $-4.5^{\circ}\text{C}$ to $-6.4^{\circ}\text{C}$ . <b>Severe Cold Day:</b> Maximum Temperature Departure from normal $\leq -6.5^{\circ}\text{C}$
<b>Fog</b>	<b>Phenomenon of small droplets suspended in air and the horizontal visibility <math>&lt; 1\text{km}</math></b> <b>Moderate Fog:</b> When the visibility between 500-200 metres <b>Dense Fog:</b> when the visibility between 50- 200 metres <b>Very Dense Fog:</b> when the visibility $< 50$ metres
<b>Thunderstorm</b>	Sudden electrical discharges manifested by a flash of light (Lightning) and a sharp rumbling sound (thunder)
<b>Dust/Sand Storm</b>	An ensemble of particles of dust or sand energetically lifted to great heights by a strong and turbulent wind.
<b>Frost</b>	<b>Ice deposits on ground</b> Air temperature $\leq 4^{\circ}\text{C}$ ( over Plains)
<b>Squall</b>	<b>A strong wind that rises suddenly, lasts for atleast 1 minute.</b> <b>Moderate:</b> Wind speed 52-61 kmph <b>Severe:</b> Wind speed 62-87 kmph <b>Very Severe:</b> Wind speed $> 87$ kmph
<b>Sea State</b>	<b>Effect of various waves in the sea over specific area</b> <b>Rough to very rough:</b> Wind speed 41-62 kmph (22-33 knots) & Wave height 2.5-6 metre <b>High to very high:</b> Wind speed 63-117 kmph ( 34-63 knots) & Wave height 6-14 metre <b>Phenomenal:</b> Wind speed $> 117$ kmph ( $> 63$ knots) & Wave height $> 14$ metre
<b>Cyclone</b>	<b>Cyclonic Storm:</b> Wind speed 62-87 kmph (34-47 knots) <b>Severe Cyclonic Storm:</b> Wind speed 88-117 kmph (48-63 knots) <b>Very Severe Cyclonic Storm:</b> Wind speed 118-165 kmph (64 - 89 knots) <b>Extremely Severe Cyclonic Storm:</b> Wind speed 166-220 kmph (90 -119 knots) <b>Super Cyclone Strom:</b> Wind speed $> 220$ kmph ( $> 119$ knots)

\* Red colour warning does not mean "Red Alert", Red colour warning means "Take Action".  
 Forecast and Warning for any day is valid from 0830 hours IST of day till 0830 hours IST of next day.  
 For more details, kindly visit <https://mausam.imd.gov.in> or contact: 011-2434-4599  
 (Service to the Nation since 1875)

**Hot and Humid:** When maximum temperatures remain  $3^{\circ}\text{C}$  above normal along with the above normal relative humidity.